OBSTRUCTION DATA SHEET

ODS 5124
GREENVILLE-SPARTANBURG AIRPORT
GREER, SOUTH CAROLINA

DIGITIZED FROM

OC 5124
SURVEYED DECEMBER 1993
8TH EDITION

HORIZONTAL DATUM NAD 83
VERTICAL DATUM NGVD 29

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THE NATIONAL OCEAN SERVICE
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FOR THE FEDERAL AVIATION ADMINISTRATION

ATTENTION

See SPECIAL NOTICES in "Dates of Latest Editions, Airport Obstruction Charts - Obstruction Data Sheets," for possible corrections. National Oceanic and Atmospheric Administration (NOAA) publications are available through NOAA Distribution Branch (N/CG33), National Ocean Service, Riverdale, MD 20737. Telephone: 301-436-6990

OBSTRUCTION DATA SHEET

The Obstruction Data Sheet (ODS) provides digital obstruction and runway data for use in aircraft arrival and departure planning. This information has been obtained using field survey and photogrammetric methods by the Photogrammetry Branch of the National Ocean Service in accordance with Federal Aviation Regulations Part 77 (FAR-77), "Objects Affecting Navigable Airspace" and FAA No. 405, "Specifications - Airport Obstruction Chart and Related Products."

The ODS is a derivative of the Airport Obstruction Chart (OC). The source OC is indicated on the ODS cover. All objects, both obstructing and nonobstructing, that carry an elevation on the OC are listed in the ODS. The ODS and the OC depict a representation of objects that existed at the time of the OC field survey.

ODS information is arranged as follows:

1. Objects located in an FAR-77 approach or primary and listed with the associated runway (reference runway).

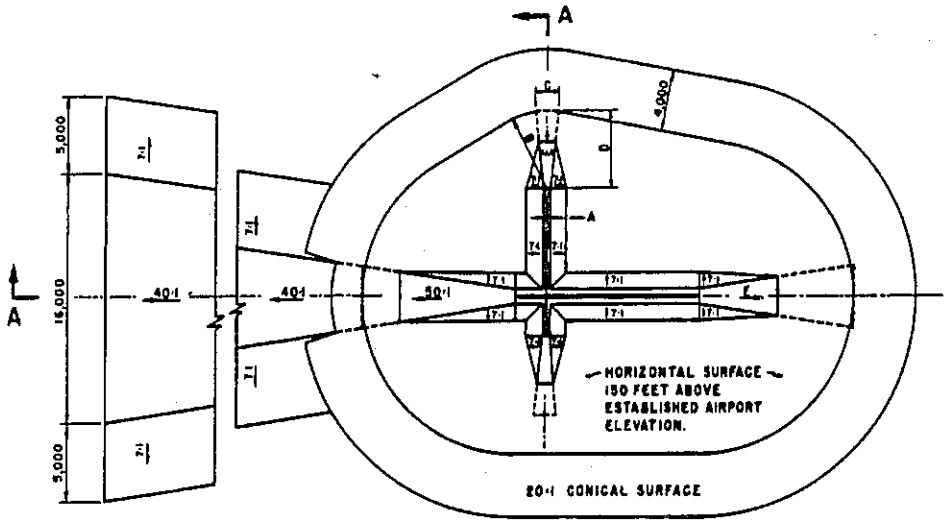
2. All objects not included in "1" above are listed with the Airport Reference Point (ARP).

3. Runway configuration and runway lengths, widths, and elevations are presented on the ODS last page.

The FAR-77 imaginary approach surfaces for which the obstruction surveys were performed are coded in the ODS as follows:

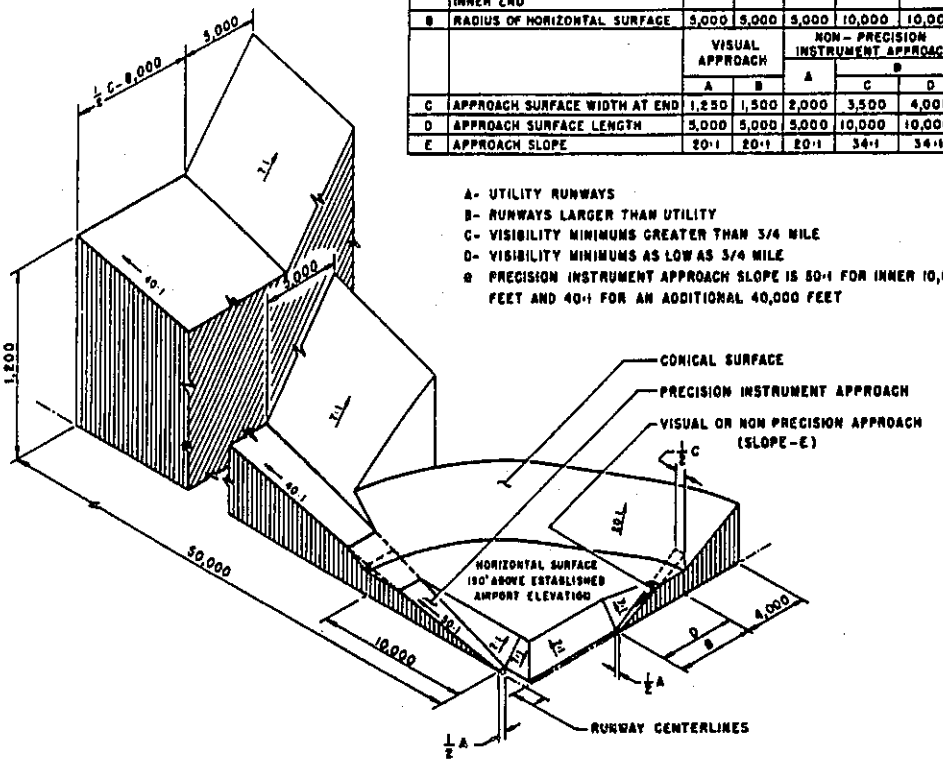
A(V) ..... Utility runway - visual approach only
A(NP) .... Utility runway - nonprecision instrument approach
B(V) ..... Nonutility runway - visual approach only
C .... Nonutility runway - nonprecision instrument approach with visibility minimums greater than 3/4 mile
D .... Nonutility runway- nonprecision instrument approach with visibility minimums as low as 3/4 mile
PIR ...... Precision instrument runway
SUPLC .... Supplemental C underlying a B(V)

FAR-77 imaginary surface dimensions are defined on page 2 of this report.



DIM	ITEM	DIMENSIONAL STANDARDS (FEET)					
		VISUAL RUNWAY		NON-PRECISION INSTRUMENT RUNWAY			PRECISION INSTRUMENT RUNWAY
		A	B	A	B		
					C	D	
A	WIDTH OF PRIMARY SURFACE AND APPROACH SURFACE WIDTH AT INNER END	250	500	500	500	1,000	1,000
B	RADIUS OF HORIZONTAL SURFACE	5,000	5,000	5,000	10,000	10,000	10,000
		VISUAL APPROACH		NON-PRECISION INSTRUMENT APPROACH			PRECISION INSTRUMENT APPROACH
		A	B	A	B		
					C	D	
C	APPROACH SURFACE WIDTH AT END	1,250	1,500	2,000	3,500	4,000	16,000
D	APPROACH SURFACE LENGTH	5,000	5,000	5,000	10,000	10,000	*
E	APPROACH SLOPE	20:1	20:1	20:1	34:1	34:1	*

A- UTILITY RUNWAYS
B- RUNWAYS LARGER THAN UTILITY
C- VISIBILITY MINIMUMS GREATER THAN 3/4 MILE
D- VISIBILITY MINIMUMS AS LOW AS 3/4 MILE
* PRECISION INSTRUMENT APPROACH SLOPE IS 50:1 FOR INNER 10,000 FEET AND 40:1 FOR AN ADDITIONAL 40,000 FEET



ISOMETRIC VIEW OF SECTION A-A

FAR-77 CIVIL AIRPORT IMAGINARY SURFACES

ANNOTATION OF ODS DATA FORMAT

OC XXXX

AIRPORT ELEVATION XXXX

X[1] X[2] XXXX/XXXX[3] XXXXXX.XXX[4] XXXXXXX.XXX[4] XXXXXXX[5] XXXX/XXXX[6] XXXXXX.XXX[7] XXXXXXX.XXX[7]

OBJECT	LAT	LONG	A[8]	ELEV[9]	AGL[10]	HAR[11]	HAT[11]	HAA[11]	DEND[12]	DTHR[12]	DCLN[12]	PNTR[13]
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX
XXXXXXXXXXX	XXXXXX.XXX	XXXXXXX.XXX	XX	XXXX	XXXX	XXX	XXX	XXX	XXXXX	XXXXX	XXXX	XXXX

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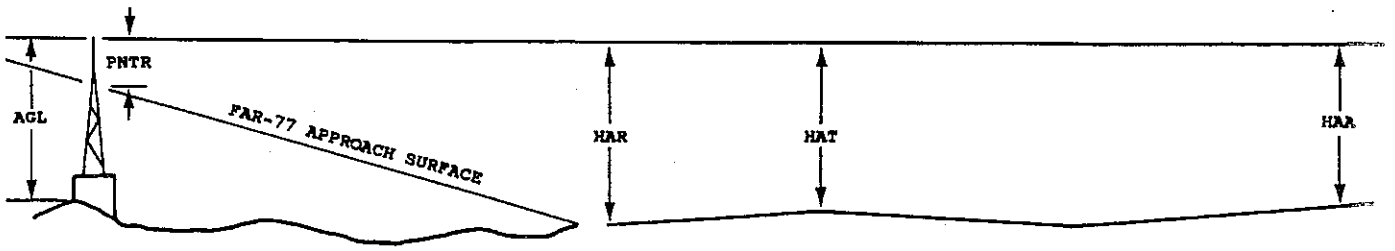

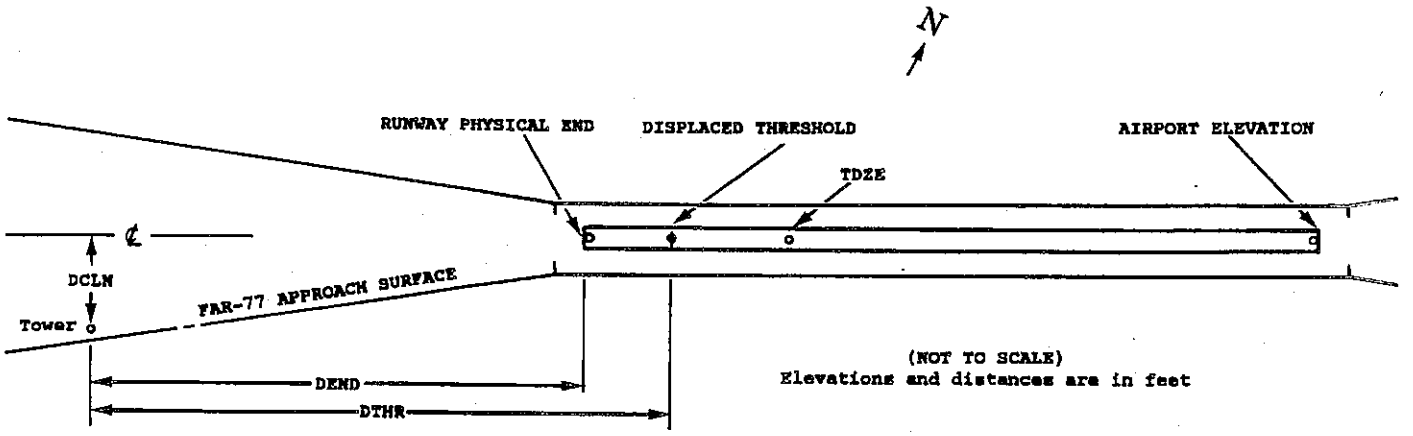

EXPLANATION OF FOOTNOTES

1 Data block identifier. If a runway number is entered (reference runway), this data block will contain data pertinent to the reference runway and to objects in the FAR-77 approach and primary areas of the reference runway. If ARP is entered, this data block will contain the ARP position and data relative to all objects not in an FAR-77 approach or primary area.

2 For the reference runway, the lowest FAR-77 approach surface for which an obstruction survey was performed. (More than one surface may be surveyed).

3 Elevation at approach end of reference runway/touchdown zone elevation

4 Latitude and longitude at approach end of reference runway

5 Geodetic azimuth of reference runway reckoned from north

6 Elevation at reference runway displaced threshold/touchdown zone elevation

7 Latitude and longitude at reference runway displaced threshold

8 Accuracy codes:

Horizontal (Ft.)	Vertical (Ft.)
1 = 20	A = 2
2 = 40	B = 5
	C = 20

9 Elevation above mean sea level (MSL) at top of object. This value includes 15 feet added to noninterstate roads, 17 feet added to interstate roads, and 23 feet added to railroad tracks.

10 Height above ground level (AGL). AGL's are provided only for manmade objects appearing on the OC and equal to or greater than 200 feet AGL. AGL accuracy is 10 feet.

11 HAA - Height above airport
HAR - Height above approach end of reference runway
HAT - Height above reference runway touchdown zone elevation

12 DEND - Distance along reference runway centerline from point nearest to object (perpendicular) to approach end of runway
DTHR - Distance along reference runway centerline from point nearest to object (perpendicular) to displaced threshold
DCLN - Distance left (L) or right (R) of reference runway centerline as observed facing forward in a landing aircraft

A negative value for DEND or DTHR indicates that object is in primary on roll-out side of zero distance point.

13 PNTR - Penetration of indicated FAR-77 approach or primary surface (See footnote 2).

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AIRPORT ELEVATION 961

3 PIR 945/ 949 345315.108 -821330.300 321149.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
OL ON AMOM	345412.15	-821240.96	1A	990		45	41	29	-7079		405R	29
ROD ON OL GS	345411.77	-821251.95	1A	1006		61	57	45	-6558		350L	45
OL WSK	345410.02	-821251.72	1A	968		23	19	7	-6418		239L	7
OL ON WSK	345326.41	-821324.93	1A	954		9	5	-7	-1207		231L	7
ROD ON OL GS	345325.83	-821327.77	1A	998		53	49	37	-1031		400L	52
OL ON LOC	345311.13	-821333.33	1A	946		1	-3	-15	476		1R	-5
TREE	345311.93	-821340.55	1A	981		36	32	20	728		552L	25
TREE	345305.28	-821332.58	1A	967		22	18	6	943		369R	7
TREE	345309.85	-821341.51	1A	974		29	25	13	949		508L	14
TREE	345303.96	-821330.73	1A	972		27	23	11	974		571R	11
TREE	345258.20	-821337.86	1A	981		36	32	20	1785		379R	4

21 PIR 961/ 961 345418.714 -821241.683 2121217.

OBJECT	LAT	LONG	A	EL	AGL	HAR	HAT	HAA	DEND	DTHR	DCLN	PNTR
ROD ON OL GS	345325.83	-821327.77	1A	998		37	37	37	-6579		400R	52
OL ON WSK	345326.41	-821324.93	1A	954		-7	-7	-7	-6403		231R	7
OL WSK	345410.02	-821251.72	1A	968		7	7	7	-1191		239R	7
ROD ON OL GS	345411.77	-821251.95	1A	1006		45	45	45	-1051		350R	45
OL ON AMOM	345412.15	-821240.96	1A	990		29	29	29	-531		405L	29
SIGN	345423.83	-821238.03	1A	967		6	6	6	600		18R	-2
OL ON LOC	345427.92	-821234.64	1A	977		16	16	16	1101		0R	-2
ANT ON BLDG	345426.97	-821232.32	1A	980		19	19	19	1123		215L	1
TREE	345427.52	-821225.77	1A	998		37	37	37	1462		648L	12
TREE	345443.38	-821224.87	1A	1023		62	62	62	2860		144R	9

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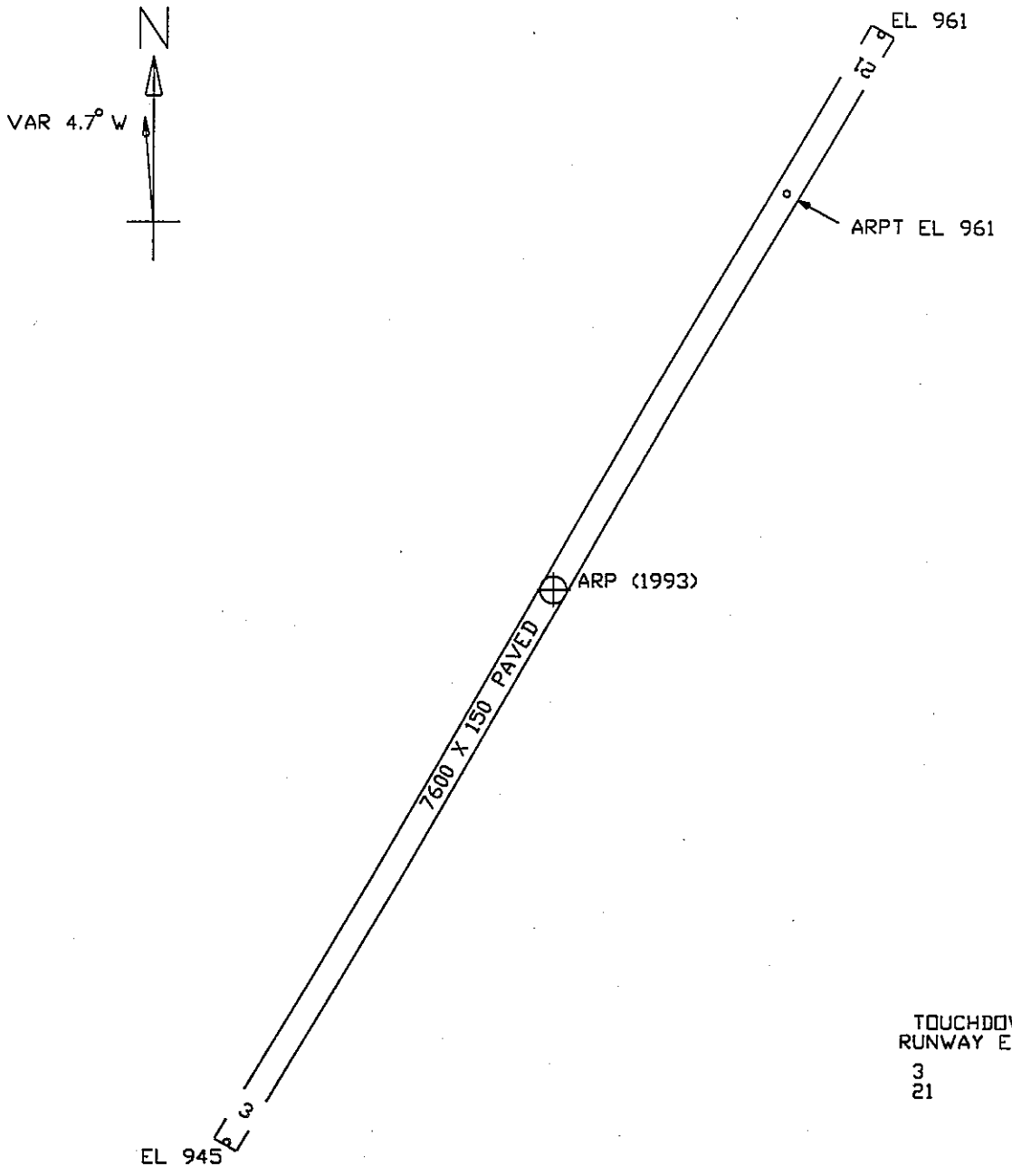
AIRPORT ELEVATION 961

ARP 345346.912 -821305.994

OBJECT	LAT	LONG	A	EL	AGL	HAA	MAG BEARING	DISTANCE
ANT & APBN ON OL ATCT	345336.79	-821256.39	1A	1061		100	14641	1301
ANT ON OL TWR	345401.29	-821309.12	1A	1032		71	35432	1478
TREE	345338.64	-821322.21	1A	973		12	24255	1591
ANT ON BLDG	345354.06	-821243.33	1A	1007		46	7344	2024
OL ON TANK	345347.90	-821333.12	1A	1104		143	27713	2265
TREE	345413.08	-821302.44	1A	1055		94	1104	2665
ROD ON OL TMOM	345414.58	-821252.59	1A	980		19	2627	3016
SIGN	345418.00	-821234.41	1A	965		4	4437	4104
TREE	345306.82	-821328.14	1A	960		-1	20910	4460
TREE	345312.62	-821340.68	1A	980		19	22430	4519
TREE	345428.50	-821244.98	1A	1010		49	2717	4561
TREE	345430.09	-821245.65	1A	1020		59	2554	4689
TREE	345421.14	-821225.88	1A	1024		63	4841	4817
TREE	345426.85	-821225.39	1A	1002		41	4439	5274



TOUCHDOWN ZONE RUNWAY	ELEVATION
3	949
21	961

GREENVILLE-SPARTANBURG AIRPORT

GREER, SOUTH CAROLINA

(NOT TO SCALE)

(ELEVATIONS AND DISTANCES IN FEET)